Customer No. 22,852 Application No. 10/542,642

Attorney Docket No. 08015.0023

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the

application:

1. (Currently Amended) A sealing structure for polymer electrolyte fuel cell

comprising:

a bipolar plate with sealing groove to be filled with rubber: using a-

dispenser; and

a gasket interposed between said bipolar plate and a membrane electrode

assembly; and

an anchor in contact with said sealing groove, whose width is greater than

the width of said sealing groove.

2. (Canceled).

3. (Currently Amended) The sealing structure for polymer electrolyte fuel cell as in

claim [[2]] 1, wherein said anchor has a width of 1.5 times of the width of said

sealing groove.

4. (Original) The sealing structure for polymer electrolyte fuel cell as in claim 3,

wherein said sealing groove and said anchor have same depth.

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- (Original) The sealing structure for polymer electrolyte fuel cell as in claim 1, wherein said anchor is formed vertically to a route direction of said sealing groove in the periphery of said sealing groove.
- 6. (Original) The sealing structure for polymer electrolyte fuel cell as in claim 5, wherein said anchors on each of said bipolar plate located in the front and the rear of said membrane electrode assembly, are located symmetrically to each other.
- (Original) The sealing structure for polymer electrolyte fuel cell as in claim 1, wherein said rubber is made of any of rubber materials containing silicon, fluorine or olefin.
- (Original) The sealing structure for polymer electrolyte fuel cell as in claim 1,
  wherein said gasket is manufactured of the same material with said bipolar plate.
- (Currently Amended) A polymer electrolyte fuel cell comprising said sealing structure stated in any of claims 1 and 3-8.